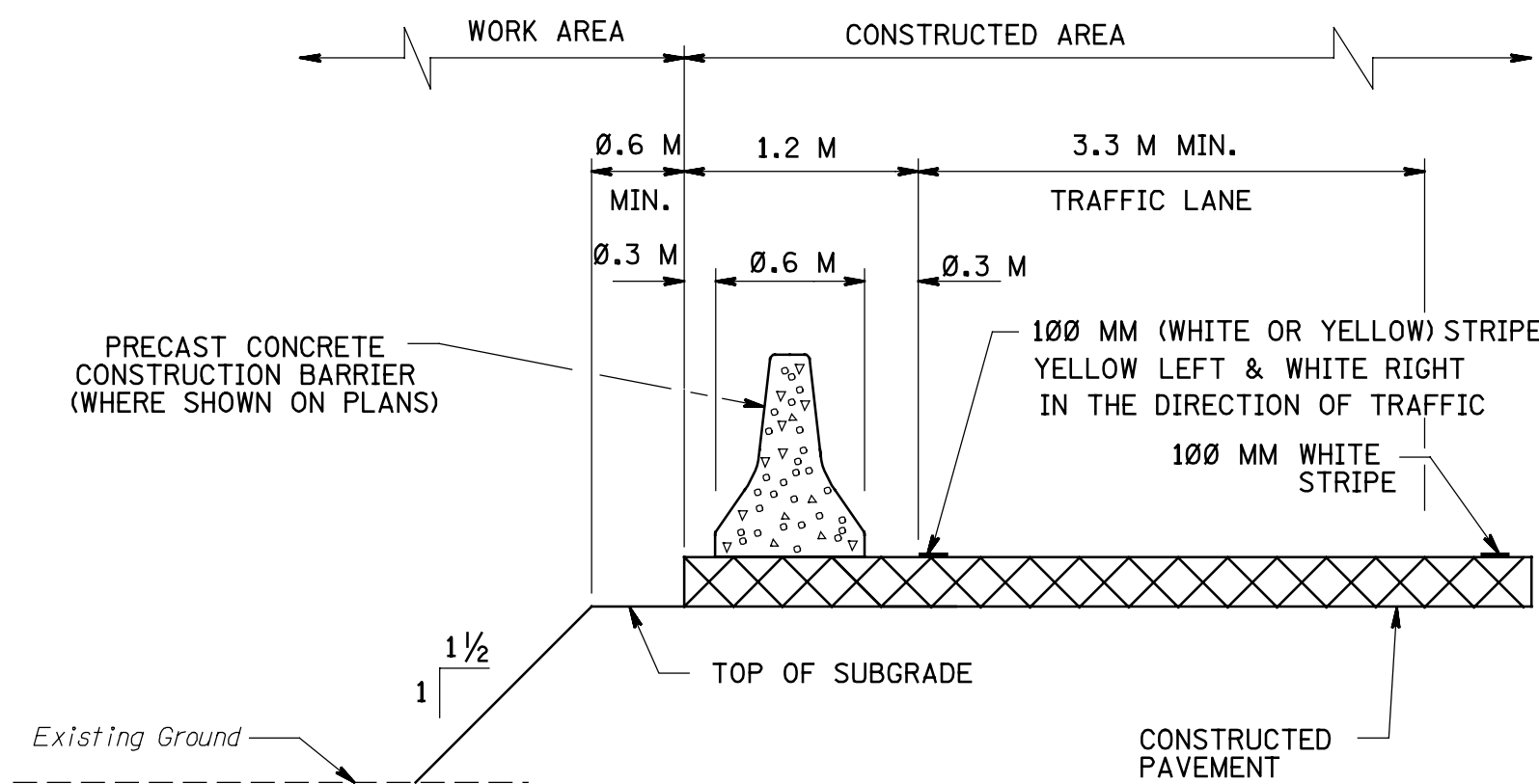
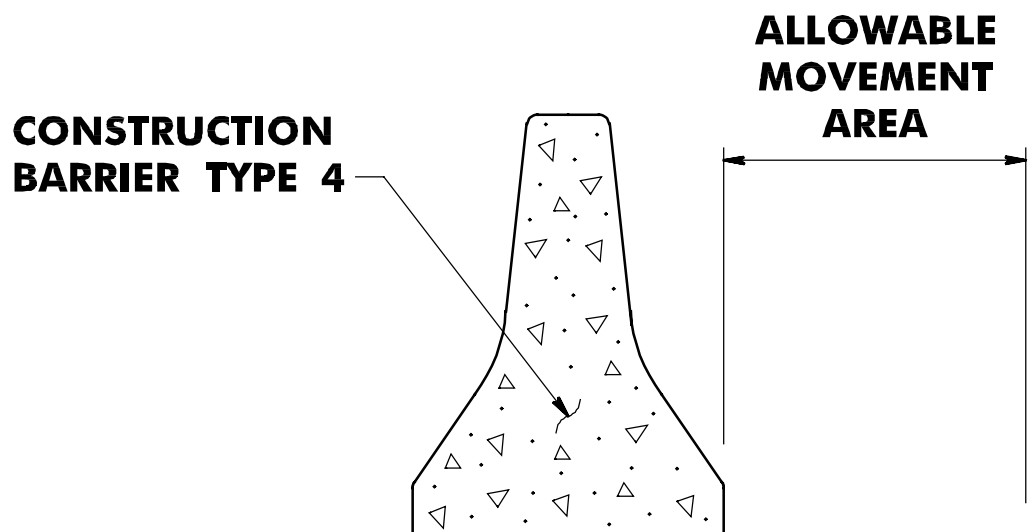


ESCAPE RAMP DETAIL

NOTE: ESCAPE RAMPS MUST BE CONSTRUCTED AND MAINTAINED DURING NON-WORKING HOURS WHERE A VERTICAL DROP OF GREATER THAN 50 MM EXISTS ADJACENT TO A TRAVELED LANE.



TYPICAL SECTION  
PLACEMENT OF PRECAST CONCRETE  
CONSTRUCTION BARRIER



- NOTES:
1. CHANGES TO THE PROPOSED JOINT CLASS AT ANY LOCATION MUST BE APPROVED BY THE ENGINEER.
  2. NO WORK OR STORAGE OF MATERIALS WILL BE PERMITTED IN THE ALLOWABLE MOVEMENT AREA.

CONSTRUCTION BARRIER, TYPE 4  
JOINT CLASS AND ALLOWABLE MOVEMENT

REGULATORY APPROACH SPEED OF TRAFFIC	RECOMMENDED SIGHT DISTANCE TO BEGINNING OF CHANNELIZING TAPERS		
	DESIRABLE		MINIMUM
	RURAL METERS	URBAN METERS	RURAL AND URBAN METERS
25	115	160	45
30	135	190	60
40	180	250	100
45	200	280	120
50	225	310	145
55	260	350	165
60	300	385	195
65	315	410	220

- NOTES:
1. AVOIDANCE MANEUVER IS FOR A SPEED, PATH, AND/OR DIRECTION CHANGE PRIOR TO THE BEGINNING OF CHANNELIZING TAPERS.
  2. RECOMMENDED DISTANCES BETWEEN TWO SEPARATE LANE CLOSURES SHALL BE DOUBLE THE VALUES SHOWN ABOVE.
  3. RURAL AND URBAN ROAD DESIGNATIONS SHALL BE AS DEFINED IN THE NJDOT STATE HIGHWAY STRAIGHT LINE DIAGRAMS
  4. DESIRABLE VALUES SHALL BE PROVIDED WHEREVER POSSIBLE. IF IT IS NOT FEASIBLE OR PRACTICAL TO PROVIDE DESIRABLE VALUES BECAUSE OF HORIZONTAL OR VERTICAL CURVATURE OR IF RELOCATION OF THE TAPER IS NOT POSSIBLE, THEN MINIMUM VALUES CAN BE APPLIED. WHEN MINIMUM VALUES ARE USED, SPECIAL ATTENTION SHOULD BE GIVEN TO THE USE OF SUITABLE TRAFFIC CONTROL DEVICES FOR PROVIDING ADVANCED WARNING OF THE CONDITIONS THAT ARE LIKELY TO BE ENCOUNTERED.
  5. TAPERS SHALL BE LOCATED TO MAXIMIZE THE VISIBILITY OF THEIR TOTAL LENGTH.

RECOMMENDED TAPER LENGTH AND SPACING FOR CHANNELIZING TAPERS					RECOMMENDED SPACING ALONG TANGENTS	
REGULATORY APPROACH SPEED OF TRAFFIC IN MILES/HOUR	MINIMUM TAPER RATIO IN LENGTH PER METER OF WIDTH	MINIMUM TAPER LENGTH L-FOR LANE WIDTHS 3 M 3.3 M 3.6 M			MAXIMUM DEVICE (B) SPACING ALONG TAPERS IN METERS	MAXIMUM DEVICE (D) SPACING ALONG TANGENTS IN METERS
25	10:1	30	35	40	8	16
30	15:1	45	50	55	10	20
40	27:1	80	90	95	12	24
45	45:1	135	150	165	14	28
50	50:1	150	165	180	16	32
55	55:1	165	185	200	18	36
60	60:1	180	200	215	20	40
65	65:1	195	215	235	22	44

NOTE:

THE MAXIMUM DEVICE SPACING ALONG CURVES SHALL BE AS DEFINED FOR TAPERS (B) IN THE ABOVE TABLE.

JOINT CLASS	ALLOWABLE MOVEMENT
A	OVER 400MM TO 500MM
B	275MM TO 400MM
C	LESS THAN 275MM

STAGE	LOCATION			JOINT CLASS
	RTE.	STA.	TO STA.	

BDC01D-4 - ORIGINAL SHEET

TCD-2

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS